

# Converting Colors

Hex(9BD0FF)

Have a look what the booklet for  
Hex(9BD0FF) contains.

<b>Hex(9BD0FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9BD0FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BD0FF
RGB	155, 208, 255
RGB Percent	61%, 82%, 100%
CMY	0.3922, 0.1843, 0.0000
CMYK	0.39, 0.18, 0.00, 0.00
HSL	208°, 100%, 80%
HSV	208°, 39%, 100%
XYZ	54.1234, 59.3003, 103.2012
YIQ	197.5110, -46.6750, 3.3810

# Conversions

## Conversions Part 2

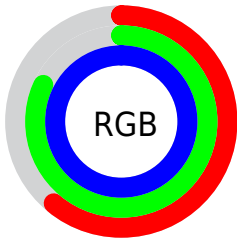
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">155, 190, 255</a>
Decimal	<a href="#">10211583</a>
CIELab	<a href="#">81.46, -5.64, -28.43</a>
CIELCh	<a href="#">81, 28.985, 258.780</a>
Yxy	<a href="#">59.3003, 0.2498, 0.2737</a>
Android (android.graphics.Color)	<a href="#">4288401663</a> ( <a href="#">0xFF9BD0FF</a> )
YUV	<a href="#">197.5110, 28.3421, -37.2821</a>
Hunter-Lab	<a href="#">77.0067, -9.3046, -25.5534</a>

# Details

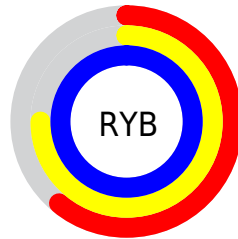
The Hex color **9BD0FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFCA9B**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D4FFFF**, and **639AC6** is the 20% darker color. If you saturate the color by 10%, you get **82C4FF**, and if you desaturate by 10%, it is **B4DCFF**.

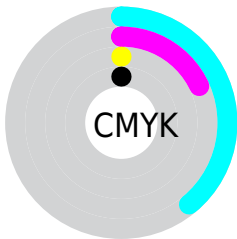
# Distribution



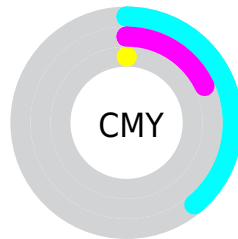
- Red (61%)
- Green (82%)
- Blue (100%)



- Red (61%)
- Yellow (75%)
- Blue (100%)



- Cyan (39%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (18%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BD0FF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9BD0FF by changing the saturation by 10% instead.



 9BD0FF

 9BD0FF

FFFFFF

 7FB4E2

 D4FFFF

 639AC6

 F2FFFF

 4780AB

 296790

 004F76

 00385D

 002346

 000D2F

 00011A

 9BD0FF

 9BD0FF

 82C4FF

 B4DCFF

 68B8FF

 CEE8FF

 4FACFF

 E8F4FF

 35A0FF

FFFFFF

 1B94FF

 0288FF

 0087FF

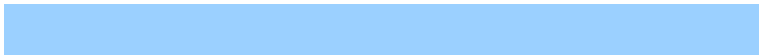
# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7FD7F2



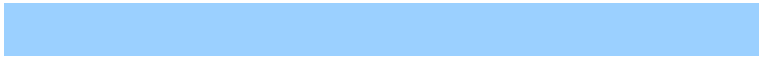
9BD0FF



C1C7FE

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9BD0FF



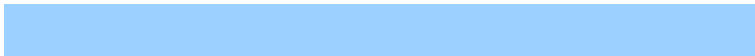
FFB7BA



AED5A6

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9BD0FF



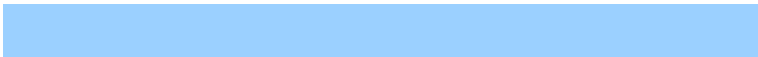
FFCA9B

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



CDCE97



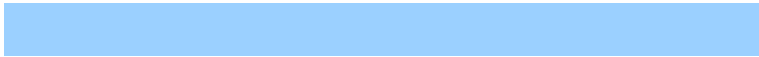
9BD0FF



FBBDA3

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9BD0FF



FAB8D6



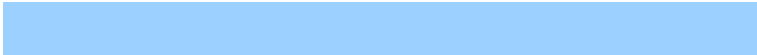
E8C596



90D9BF

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9BD0FF



D9C1F5



E8C596

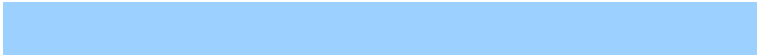


B8D39F



# Sweetspot

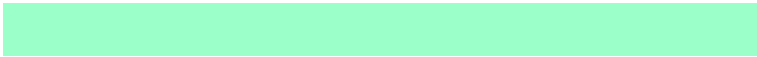
The Sweet Spot groups the original color and five complimentary colors.



9BD0FF



E0F1FF



9BFFCA



6E7780



000000



808080

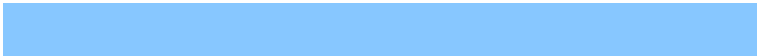


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9BD0FF



87C7FF



9B9EFF



737A80



0065BF



002240



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF9BD0



FF87C7



FFFC9B



80737A



BF0065

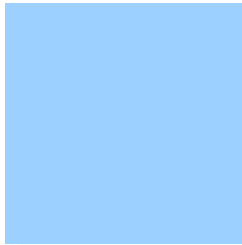


400022



# Previews

## White Background



This preview shows how the Hex color 9BD0FF looks on a white background.

## Color Contrast Check

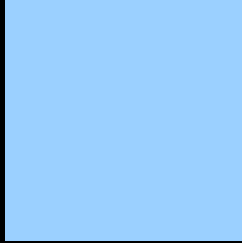
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 9BD0FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

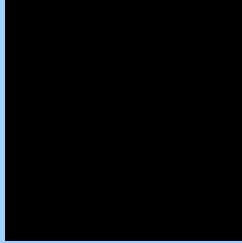
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

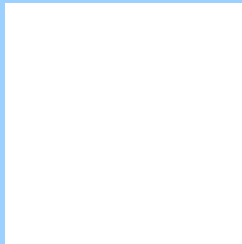
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BD0FF Background



This preview shows how black text looks on a background with the Hex color 9BD0FF.



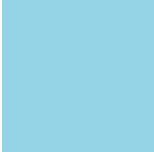
This preview shows how white text looks on a background with the Hex color 9BD0FF.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

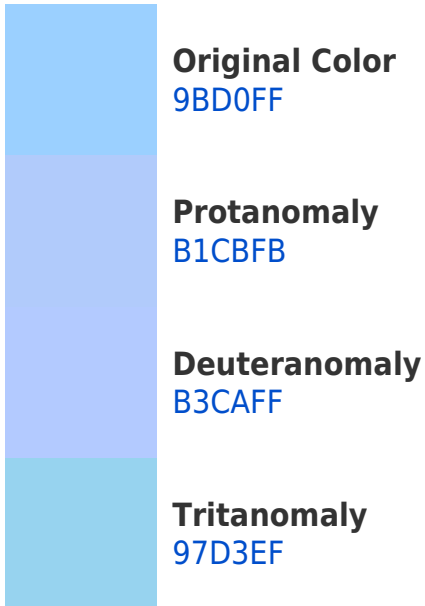
## Dichromacy



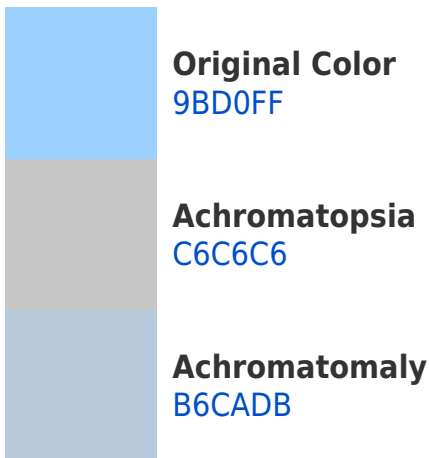


**Tritanopia**  
94D4E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BD0FF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9BD0FF looks like.

```
.text, #text, p{  
    color:#9BD0FF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9BD0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD0FF  
}
```

## Border

The CSS property to change the border of an element to Hex 9BD0FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9BD0FF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9BD0FF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #9BD0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD0FF; -webkit-box-shadow:4px 4px  
4px 4px #9BD0FF; box-shadow:4px 4px 4px  
4px #9BD0FF }
```

# Background

The CSS property to change the background color of an element to Hex 9BD0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD0FF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9BD0FF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor